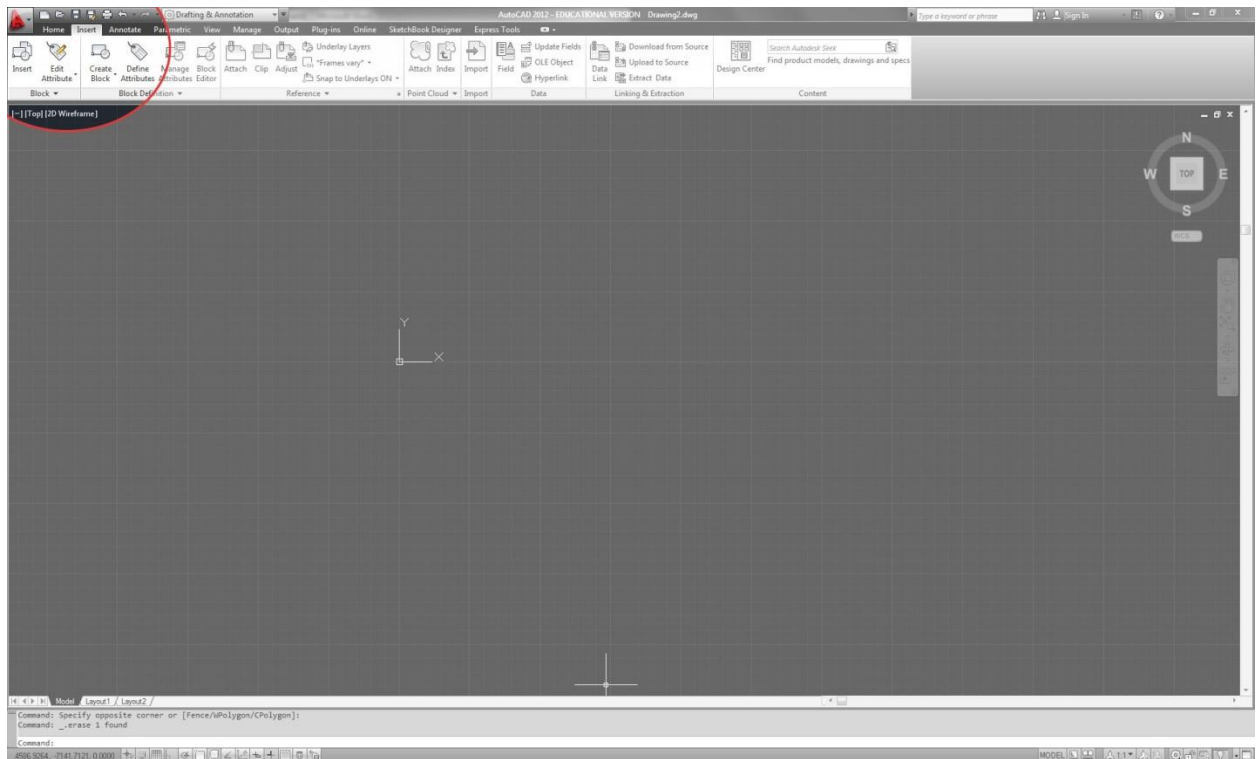


Importing .DWG File into AutoCAD with Original Coordinates BIM Wiki

Maintain Coordinates and Origins Across AutoCAD Documents

This tutorial will run through the process of importing a .DWG file into an existing document to ensure placement at the correct origin. It will reference a .DWG exported from Revit as a block into an existing document, allowing the user to easily show or hide the building. This method can be used to bring a Revit building into a pre-existing AutoCAD site plan or for beginning a new AutoCAD document in reference to the building.

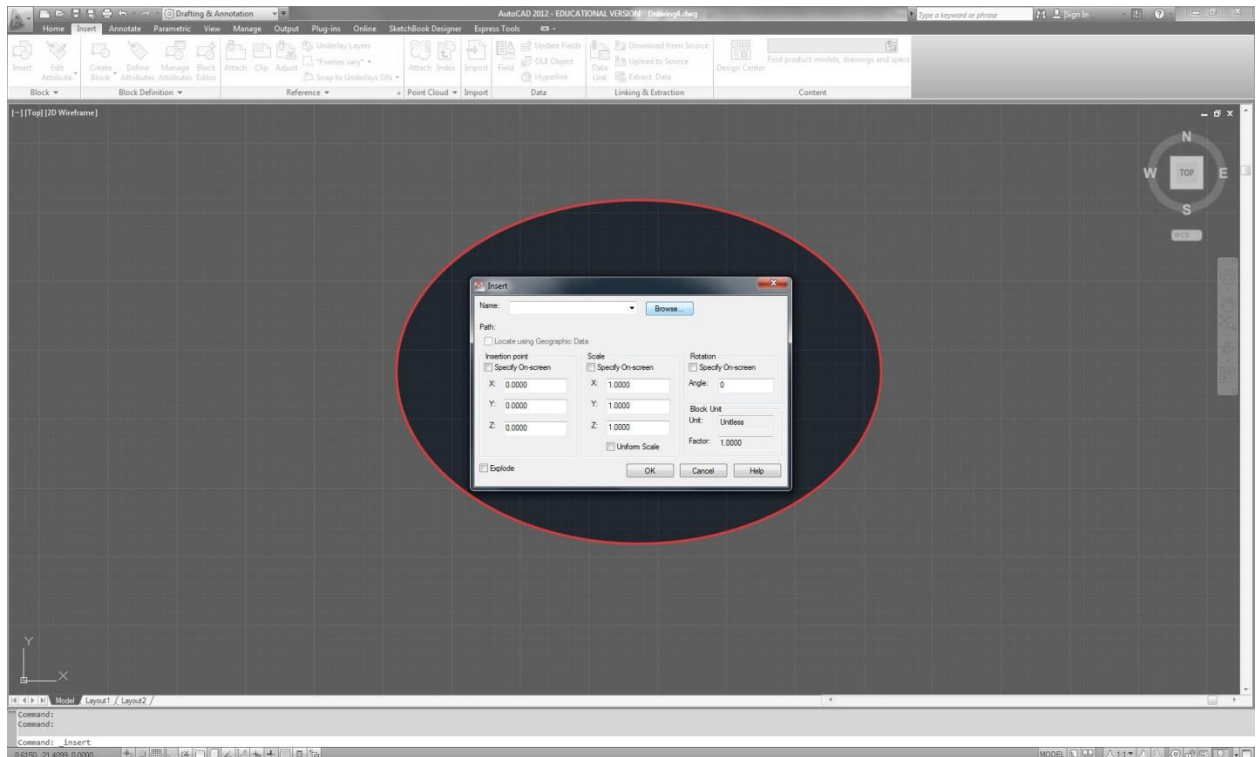
1. After you export a Revit or other program file as .DWG, open a new AutoCAD file.
2. In the Ribbon above the model space, navigate to the 'Insert' tab and select 'Insert'



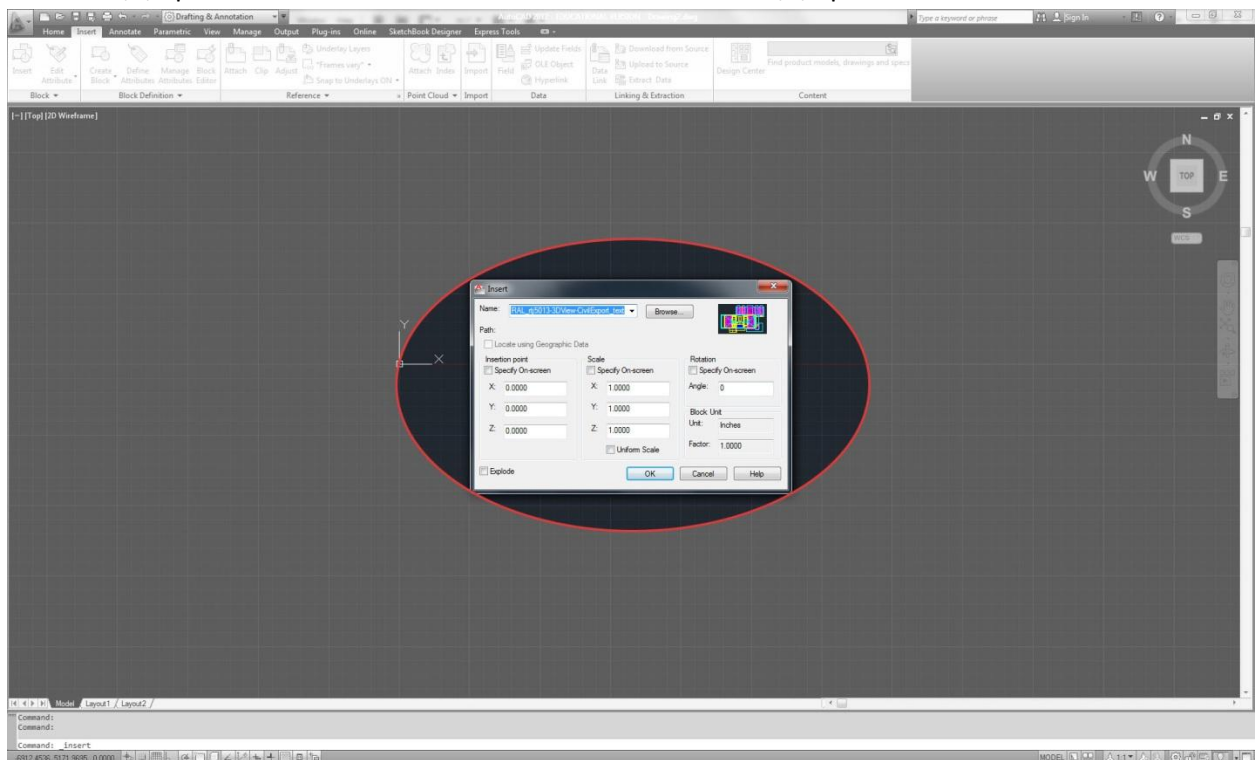
3. In the pop-up window, click 'Browse' and navigate to the desired file.

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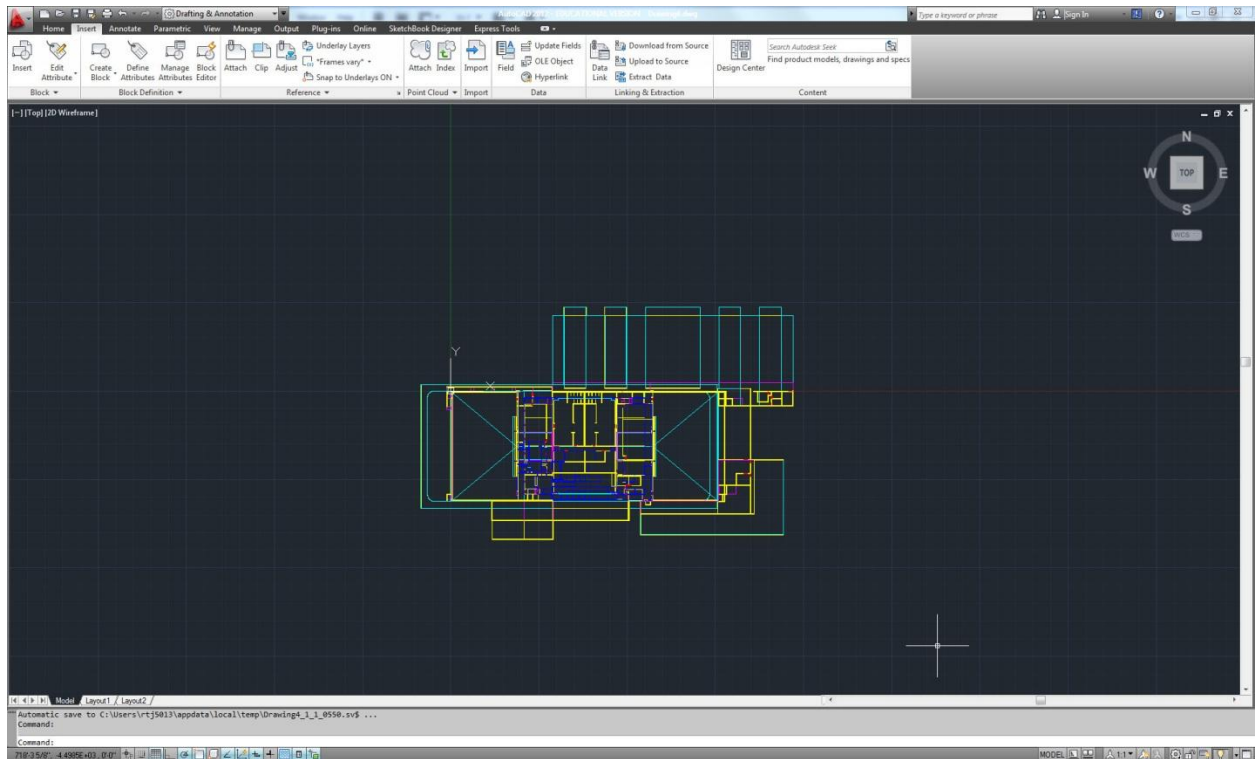


4. Be sure that the 'Specify On-screen' option under 'Insertion point' is unchecked. This will ensure that the 0,0,0 point of the Revit file comes into AutoCAD as the 0,0,0 point as well.



5. Click 'OK'
6. The .DWG exported from another program i.e. Revit will be placed at the same origin point.

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Note: Make sure that the units (i.e. inches, feet, meters, etc.) correspond between the imported .DWG and new document before inserting the .DWG. If the building is referenced to height above sea level in Revit, the building will come in at the correct elevation.